

SAFEZONE MINI SAFETY LASER SCANNER 2M

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Representative Photo Only
(actual product may vary based on configuration selections)

Safezone mini safety laser scanner

- Configurable safety field provides flexibility in applications
- Outer warning field helps prevent accidental or nuisance tripping
- Suits stationary or mobile applications
- Integrated External Device Monitoring (EDM) - external safety relay not required
- 7-segment display for easy diagnostics

SPECIFICATIONS

Safety Outputs	2 OSSD. 0.25A, short circuit protected, cross fault monitored	safety
Angular resolution	0.5°	
Scanning Angle	270	
Tm, service life, max	20 years	
Ue, Rated Operational Voltage, DC, min	16.8 V DC	
Ue, Rated Operational Voltage, DC, max	30 V DC	
Ue, rated operational voltage, nom	24 V	
Ripple Voltage, Max	1500 mV	
Switching current, Min	6 mA	
Power Consumption, Max	55 W	
Response Time	80 ≤ms	
Power ON delay	0.0014 s	
Refresh Time	130 s	
Details, Kit	Resolution [mm (in.)]: 30 mm (1.18 in.), 40 mm (1.57 in.), 50 mm (1.96 in.), 70 mm (2.75 in.)	
Details, Range	Safety Field: Range: 2m (6.56 ft)	
Material, Body / Housing	Aluminium, Die-Cast material	
IP rating, body / housing	IP65	
Material, Lens	PC (Polycarbonate)	
Operating Temperature, Min	-10 °C min	
Operating Temperature, Max	50 °C max	
Storage Temperature, Min	-25 °C min	
Storage Temperature, Max	70 °C max	
Length, Cable	0.25 m	
Height	116 mm	
Width	102 mm	
Depth	104 mm	
Weight	0.8 kg	

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Shock Acceleration (Max.)	10 g
Shock Duration (Max.)	16 ms
Vibration Acceleration (Max.)	5 m/s²
Vibration Frequency, Operational (Max.)	55 Hz
Standards Compliance	EN 954 / ISO 13849:1999 Category 1 IEC/EN 61508 SIL2
Certifications	CE C-UL-US TUV Category 1

REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-